



	10	20	30	40	5(!****!***	Su.
RCHD005.COMPLETE(1>288)->	7/2-14/2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	CCTCCAAATT	VY/CITICAL	ANAICYJOHAG	LETYYOCYCL	CITOT
	GGCTTAGATGCA	ec.iccvvct.r	MACTIGATY	MATCHICATE INC.	TOWACCO	CL! CI
	70	80	90	100	110	120
RCHD005.COMPLETE(1>288)->	TOOTATESCOTA	TGAACAACTT	CACCIVATICS	GUATOGUE	ACCATTING.	والكسد
	TCCTATGGCCTA	ITGANCANCTIT	CAGGENATG	CENTOCICIC	AGGATTTHEK	XTOP:X
	130	140	150	160	170	1Ei-
RCHD005.COMPLETE(1>288)->	ATTICTOCACOTA	TATTUTCAGCC	NOTO DATE OF	CACCATTACC	ACCOUNTS.	GIGCI
•	ATTICTOCACCTA	TATITICAGO	ACTOMICH	CACCYLLYCC	NICOCIAL TO	(GT:CI
	190	200	210	220	239	.;:
RCHD005.COMPLETE(1>288)->	CCCANATATITC	AGGETETATOT	AAGGACAACA	TETACCEAGE	TICCAGATOT	TIGGI
•	CCCAAAATATTTC	AGGETETATGT	'AAGGACAACA	TCTACCCACC	TTTCCAGATU !	יהעכו
	250	260	270	280	4	٠.
RCHD005.COMPLETE(1>288)->	AAAGGTTATGGGA					
	ANACCTTATCCCA	XXXXTXXTGXX	ccicitooic	GCTGCATCTA	VGCC	

FIG. 1





	10	20	30	40	50
RCHD024.COMPLETE.SEQ(1>178)->		ATTAXACTCTGA ATTAXACTCTGA			
	60	70	80	90 L	100
RCHD024.COMPLETE.SEQ(1>178)->		CAGGAGGAGGCAA			
	110	120	130 11111111111111111111111111111111111	140	150 <u>لىنىل</u>
RCHD024.COMPLETE.SEQ(1>178)->		CHAICYANGCC			
	160	170 	ــــــــــــــــــــــــــــــــــــــ		
RCHD024.COMPLETE.SEQ(1>178)->		NTGAGCCTAGTCT ATGAGCCTAGTCT			

FIG. 2





		10	 20	30	40	50
RCHD032.COMPLETE.SEQ(1>101)->					AAAGTGGGATA AAAGTGGGATA	
		60	 70	80	90.	100
RCHD032.COMPLETE.SEQ(1>101)->			 		PATTTTGAAAT PATTTTGAAAT	
RCHD032.COMPLETE.SEQ(1>101)->	<u>.</u> A	٠				

FIG. 3





	10	20	30	40	50 المستعا
RCHD036.COMPLETE.SEQ(1>184)->	GCCLICCLCCLC	ATGCCTACAAGA ATGCCTACAAGA	AATGTTTACA VAATGTTTACA	PACALACACTO PACALACACTO	TATAC TATAC
	60	70	80	90 LL	100 100
RCHD036.COMPLETE.SEQ(1>184)->	ATCTAACTCCCC	EAAAAAGGACCAC EAAAAAGGACCAC	CTATTICGC	NCNGAAAAA AACAGAAAAA	AGACAA
· · · · · · · · · · · · · · · · · · ·	110	120	130	140	15C
RCHD036.COMPLETE.SEQ(1>184)->	GCATTTCAGAGO GCATTTCAGAGO	iaccopiccipi Caccopiccipi	CTTAAAGACC	TAACTCACIT	<u>AGICT</u> AAGICI
	160	170 	180		
RCHD036.COMPLETE.SEQ(1>184)->	TACAAACAGAA TACAAACAGAA	<u>ATAACAAGGAGG</u> ATAACAAGGAGG	ACAATTTTCTA ACAATTTTCTA		



SQGSDTSTS L G A ĸ L P 20 ATG GGG CTC CTG CCC AAG CTC GGC GCG TCC CAG GGC AGC GAC ACC TCT ACT AGC CGA GCC I K v F С F N 40 R OGC CGC TOT GCC CGC TCG GTC TTC GGC AAC ATT AAG GTG TTT GTG CTC TGC CAA GGC CTC 120 S T L L s F K 60 0 CTG CAG CTC TGC CAA CTC CTG TAC AGC GCC TAC TTC AAG AGC AGC CTC ACC ACC ATT GAG 180 S S S G I s Ε L 80 R ANG CGC TIT GGG CTC TCC NOT TCT TCN TCG GGT CTC NIT TCC NGC TTG NAT GAG ATC AGC 240 F. S Y F G S R I 100 I AAT GCC ATC CTC ATC ATC TIT GTC AGC TAC TIT GGC AGC CGG GTG CAC CGT CCA CGT CTG 300 G L F G F I 120 I G · G ATT GOC ATC GOA GOT CTC TTC CTG GCT GCA GGT GCC TTC ATC CTC ACC CTC CCA CAC TTC 360 Q S T G N 140 CTC TCC GAG CCC TAC CAG TAC ACC TTG GCC AGC ACT GCG AAC AAC AGC CCC TTG CAG GCC 420 D ĸ C H 160 GAG CTC TGC CAG ANG CAT TGG CAG GAC CTG CCT CCC AGT AAG TGC CAC AGC ACC ACC CAG 480 Q K "E-T S S M W G L M V v 180 AND COO CAG ANG GAG ACC AGC AGC ATG TGG GGC CTG ATG GTG GTT GCC CAG CTG CTG GCT 540 I Q P F G I Y v D 200 GGC ATC GGG ACA GTG CCT ATT CAG CCA TTT GGG ATC TCC TAT GTG GAT GAC TTC TCA GAG 600 Y I S I L T G 220 CCC AGC AAC TCG CCC CTG TAC ATC TCC ATC TTA TTT GCC ATC TCT GTA TTT GGA CCG GCT 660 S M F v D 240 THE GGG TAC CTG CTG GGC TET GTC ATG CTG CAG ATC TIT GTG GAC TAT GGC AGG GTC AAC N L V P G D P R 260 ACA GCT GCA GTT AAC TTG GTC COG GGT GAC CCC CGA TGG ATT GGA GCC TGG TGG CTA GGC 280 L CTG CTC ATT TCT TCA GCT TTA TTG GTT CTC ACC TCT TTC CCC TTT TTT TTC TTC CCT CGA 840 300 OCA ATG CCC ATA GGA GCA AAG AGG GCT CCT GCC ACA GCA GAT GAA GCA AGG AAG TTG GAG 900 R 320 GAG GCC ANG TCA AGA GGC TCC CTG GTG GAT TTC ATT AAA CGG TTT CCA TGC ATC TTT CTG 960 v A 340 AGG CTC CTG ATG AAC TCA CTC TTC GTC CTG GTG GTC CTG GCC CAG TGC ACC TTC TCC TCC 1020 E K 360 N GTC ATT GCT GGC CTC TCC ACC TTC CTC AAC ANG TTC CTG GAG AAG CAG TAT GGC ACC TCA 1080 N P 380 GCA GCC TAT GCC AAC TTC CTC ATT GGT GCT GTG AAC CTC CCT GCT GCA GCC TTG GGG ATG 1140 s 0 400 I M ĸ R P F L . λ R CTG TIT GGA GGA ATC CTC ATG ANG COC TIT GIT TIC TCT CTA CAA GCC AIT CCC CGC ATA 1200 M С v 420 S I L M T I GCT ACC ACC ATC ATC ACC ATC TCC ATG ATC CTT TGT GTT CCT TTG TTC TTC ATG GGA TGC 1260

fchd502

FIG. 5A





S TCC	T ACC	р СХ	T ACT	org org	œc X	gaa B	OIC OIC	Y TAC	CCC P	CCI	S AGC	T ACA	S TCA	s agt	S TCT	I ATA	H CAT	ccc b	Q CAG	440 1320
s	Þ	λ	С	R CGC	R	D	c	s	C	P		S	I		H	Б	٨	C	G CCA	460 1380
TCT	CCI	ecc	ICC	œά	AGG	GAC	160	100	160	CCA	GAI	101	AIC.			cco	0.0	.01	OGA	1380
D	N	G	I	E	Y	L	S	P	C	Н	<u>λ</u>	G		S	N	I	N	H	S	480
GAC	TAA	GGA	ATC	CVC	TAC	CIC	TCC	CCT	TGC	CAT	GCC	عد	100	MJ.	~~	AIC	AAC	AIG	AGC	1440
s	λ	T	Ś	ĸ	Q	L	I	Y	L	N	С	s	C	V	T	G	G			500
TCT	CCA	YCC	TCC	AAG	CYY	CIG	ATC	TAT	TTG	XXC	TGC	AGC	TGT	GIG	ACC	GGG	GGA	TCC	GCT	1500
s	λ	ĸ	T	G	S	C	P	V	P	С	A	н	F	L		P	λ		F	520
TCA	GCA	MG	ACA	GGA	TCG	TCC	CCI	orc	ccc	TGT	GCC	CAC	TIC	CIG	CIC	CCG	GCC	ATC	TTC	1560
L	I	s	P	V	s	L	I	λ	C	I	s	н	N	P		Y	M		V	540
CIC	ATC	TCC	TIC	CIC	TOC	CIG	ATA	ccc	TCC	ATC	ICC	CAC	AAC	ccc	cic	TAC	ATG	ATG	GIT	1620
L	R	v	v	N.	Q	. E	E	ĸ	s	F	λ	I	G	v	Q	F	L	L	H	560
CIG	CCT	CIG	GTG	AAC	CAG	GNG	GXX	AAG	TCA	TIT	œc	ATC	GGG	GIG	CAG	TTC	TTG	TIG	ATG	1680
R	L	L	A	W	L	P	s	P	A	L	Y	G	L	T	I	D	н	s	С	580
CCC	TIG	CIG	ccc	TGG	CIG	CCA	TCT	CCA	ecc	CIC	TAT	œc	cic	ACC	ATT	GAC	CAC	TCC	TGC	1740
r	'R	w	N	s	L	С	L	G	R	R	G	A	С	λ			D	N	D	600
ATC	CCC	TGG	AAC	TCG	CIG	TOC	TTG	GGG	AGG	CGA	œ	ecc	TGC	ecc	TAC	TAT	GAC	AAC	GAT	1800
·A	T.	R	D	R.	Y	L	G	L	Q	M							м			620
GCT	c <u>r</u> c	CGA	GAC	AGG	TAC	CIG	GGC	CIG	CÃG	ATG	ccc	TAC	AAG	ccc	CIG	GCC	ATG	CIG	CIG	1860
L	С	F	ľ	s	w	R	v	ĸ	ĸ	N	ĸ	E	Y	N	v	Q	ĸ	λ	λ	640
CLI	TOO	TTC	ATC	AGC	TGG	AGG	GIG	λAG	AAG	AAC	AAG	GAG	TAC	AAC	GTG	CAG	λAG	GCG	GCA	1920
G	т.	·	•										-							. 643
			TGA																	1929
~~	~a~	حملم	35(*)	CIGY		cree	אכאר	AGTG	GACC	TTGA	CTCY	TCCA	CACC	TGCC	TATA	CTCA	CTAA:	IGIT	AACA	
													–		_				-	
CG	CAT	TCC:	KTT	CIAI	TTTT	'AAA '														

FIG. 5B

fchd502

t





(04452)

				(XX T	1	VLCC	1700	xxa	2000	١٣٥٥	1000	حتحد	صص	cvac	MCCC.	x ccc	مض	000	
œ	œu	œ n	*******	·	2007	rcc	1	-	cic	πœ	cic	ICT A	xcc	TOCT	0	CATT	~~~	ACCT	~~	14
YCY	ost)	<u></u>	1001	, COCK	****		רטעכו	rock	cra	2000	TCA	rocu	OCT C	rccr	MCH.	2	TOOL	œ	عحد	21
,	~~	TOO	J	רסכו	1	X	No.	بص	oct (.cric	× × ×	24	770 0	ACOUT	1000	محدد	٠	œ		29
ccc	1		بحصر	~	CAC	****	.100	x r ox	2000	ATO:	تص	NTOCK	ээс г	700	œ	CATC	1011	crrc	COCT	37
CIC	700	att	w	A	صند	œw.		200	∞π	CTC	7001	10000	UCT.	rac.	raic	reac	wit	-	xxx	45
ACT	TOU	acua	MTC	2000	1101	TIC	,,,,,	ATO	ATTC	بحد	1117	w	بحد	A.T.C.	rooci	LOCC	rric	œv	utct	53
TCA	NÓ	TOCA	~~		ucuc	H STA	D .	cic v		100	ů	. œ	æ	. &	V GTJ	, œ	. c.	E	H ATG	600
Y TAC	å	&	, T	&	o o	, car	, œ	â		H AAC	, ACC	, T	100		. C.	L CTC	. W	ב כדכ	1000 1	66
X X	*	CTC	CTO		ACC	A	CTG	~ Å	M	&	, T	œ	CUC E	crc	. T	E C.V.	N N	. cv	ಞ	.:>: 50 720
Y TAC	c <u>tc</u>	ATC	œc	CLC F	F TTC	CIC	\$ 100		CIC	Y TAC	ACC	ATC	110	crc	TŢC	œ.	I LATC	<u>ح</u>	F:	74 780
v crc	œ.	WC N	ATC	CIG	ATC	CTG	crc v	CIC V	M MC	ATC	KXC	TTC	,R	E CUG	K	H	, T	I ATC	, ,	94 640
D 200	crc Crc	TXC	F TTC	ATC	N H	CTC	å	cic v	å	مح	CTC	YIC I	CTC	e <u>se</u> A	<u></u>	. 0 CAC	\$ 100	CTC	I ATT	114
E COC	cic A	TTC	**	CLC F	CXC H	Ç.C.	cos	Y TAC	Y TAC	တိုင	I ATC	å	orc v	CLO r	roc	ACC.	F TTC	H	\$ 700	134 960
r STC	TC	C.LC L	œ	crc v	YYC H	H ATG	Y TAC	************	æ	orc orc	r rc	πc	CTC CTC	¥.	TOS	H ATG	, S ACC	TTC	ဆိုင	154 1020
R CCC	TAC	ATC	â	c <u>r</u> c	å	ACC.	å	ATG	œ	10C	Š	c <u>re</u>	TTC	œ	ACC T	K AAG	cyc K	CXC H	å	174 1080
R 3000	CIC	» »	tot	ထိ	Ç.C	ATC	₩ 1000	ATG	å	10C	c <u>rc</u> A	,	å	₩.	c <u>tc</u>	c <u>rc</u>	,œc	TTC	ACC	194 1140
æ	crc v	C)C	C <u>t</u> C	င်္င	ос к	ACC.	ထိုင	င်း	&	τœ	ιίς	स्टा	TTC	å	CV.T	erc v	*	Č	crc	214 1200
ж О	TOS	c <u>t</u> c	cyc E	erc v	ACC	CLC F	œ	, TTC	ATC	c <u>tc</u>	င်္သ	TTC	&	I ATC	I ATC	<u>«</u>	c <u>r</u> c	τœ	Y TAC	234 1260
2	L	I	v		v	T.	erc v		•	M		w		c				•	-	254 1320
9	K NG	A OCC	CIC	œc	ATG	ATC	CTC	œ,	c.cc	c <u>tr</u>	CLC L	cuc v	ric Tic	F TTC	c <u>tc</u>	τ ος	10C	CTC CTC	000	274 1380
E S	WC H	c <u>tc</u>	110	ATC	***********	cic A	c)C	c <u>tc</u>	CTC C	တို့	æ	T ACC	င်္	cc.	<u>.</u>	â	œ.	, (CT	c 100	294 1440
K VG	8	<u>1C1</u>	TTC	*	K	â	CXC	, ,	crc	T ACG	œ.	CXC K	I ATT	cic ^	N NC	crc Crc	<u>ж</u>	œc X	F TTC	314. 1500

FIG. 6A



z rœ	N N	» »	C TOC	L CTA	, K	·	CTC	I	Y TAC	S ACC	F	CTC	ç æ	<u>د</u> ديد	Ť.	F	R	9	K	33
								••••						-					~~	156
L	R	L	Y	I	E	Q	K	T	H	Ľ	,	A	L	D	R	7	C	H	A	35
CIC	NO.	CIC	TAC	ATT	CVG	Š	***	K	AAT	TTC	œ	∞	crc	င	æ	TTC	ख	CAC	œ	1620
				v		_	_	-	_	_	_	_	_		_	_	_	_		
â	cTC	NG.	ئ	<u> </u>	ATT	ς,	CAC.	*	*	CIC.	2	•	CIT	~	×		3		<u> </u>	376
				•••	~			~~	~~	•	~		•	010	~~		~~	MIT	œ	1640
V	•							••										-		379
CTC	TAG	ACX	20.17	, cocc	30CA	CACOC	XX	XXX	XXX	TCK	TOX	SAC.	TOC:	8	VOCTO	22.70	تعت	CW	XX	1757
			·																	
		TO	i disci	CLU	UCT	2000	CC.	ucu	CT	cro	zra	TOX	2000	œ	1000	TOX	20.11	200	, Wi	1836
	1 112	2000		PLOC:1			~~	~~		<u> </u>			2010							
			~~.		•••			·~··	~~.				~~				س	wa	E	1915
22	2002	3000	TO	wa	œ	20001	wa	2000	TGT	2000	2001	α	-	~	~~	-		CTO	· •	1994
																				2334
roo	2000	CTC		****	ATT	CTC	2	STO.	2000	œ	2000		DC/C	2000	CCT	OTO:	CTC	1000	C T	2073
	<u>. </u>																			
		CNO		X TO	VOC	wic	TOCK	200	TOO	, The	CLCY		œ	W.OC	NO:	1001	OCT.	OUT.C	TCA.	2152
2.70	·	TOX	1271			****	~~~	~~~	***	~~~	~~	~~ .	~~	~ ~~	-					
					~	•••		٠		~.~	~.~					~~		ACCE A	***	2231
XX	XTO.	TCTC	CTO	2000	CTC	2	α	CATC	īπα	JOCA	1000	2001	ATCC	0007	CTOO	2200	TCAC	CMA	~	2310
			•	• • • •																2310
œ	OC.		2000	crox	****	XXX	COC	X		COCT	CIGI	220	∞	∞	escs.	octo	0000	CTOO	TTC	2389
-11	~ 10	CITO	TTC	CATC		1000	MIT	ωc.	TOT	CICC	ACTO	330	OL LO	CCA0	<u>-100</u>	ocro	1000	TUG	100	2468
Z T C	C.10	صحد	ATCA	AATA	cto	2002	acte	TCO:	TCAC	CAAT	TOGT		~~	A MOTO	1202	~~~	~~.	~ ~		
																بدب	~~~		icc	2547
ATC	ATCA	TUTA	w	CTT	∞	TAAL	ATAN	∞												2542
					-	,														-344

:

DSDS+ES6.OSO4SE

FIG. 6B





	030	3355	xccc	CCIV	CACC	M ATG	A GCC	S TCG	CCCC P	R CGC	occ A	S TCG	R CGG	W TGG	CCC b	CCC	P	t CTC	crc L	1 4
		L TTG																	P CCG	3 13
		ccce P																	CLC F	5 16
		E .																	G GGG	7: 22:
CCC B	. A GCG	T ACC	ccc	G GGC	P ccc	S AGC	Y TAC	R AGG	ССС У	P P	e gag	P CCA	G GGC	A GCC	À œ	T ACA	CAG	R CGG	G CGA	9. 28:
		G GGC																	E GAA	114 342
		T ACT																	S TCA	134
T ACA	V GTG	S	S TCC	K AAA	E GAG	G	V GTG	H ATG	GIT V	Q CAG	T A∝c	S TCT	€	K AAG	S AGC	H CAT	A GCT	A GCT	s TCG	154 462
		œy ₽																		174 522
S TCT	S TCA	s Agt	R AGA	T ACA	N AAC	P TTC	T ACC	I ATT	L TTG	CCT	GTT V	G ∞	Y TAC	S TCA	L CTG	e Gag	I Ata	λ GCA	T ACA	194 582
		T ACT		-														_	-	214 642
		F TTC																	M ATG	234 702
G GGA	T ACA	E GAG	R AGG	A GCG	H ATG	G GGG	L CTG	S TCA	E GAA	E GAA	W TGG	T ACT	V GTG	H CAC	ş AĞC	cyv Q	e Gag	A GCC	T ACC	254 762
		A GCT																	P	274 822
		K AAG																		294 882
A GCT	S TCC	S	P P	L CTC	L TTA	D GAC	L CTT	s TCC	S TCA	P	s rcr	E GAA	S AGT	T ACA	E GAG	K K	L CTT	N AAC	N AAC	314 942
		GGC																	cic v	334 1002
F	T	CAT	G	GGC	CCC	R AGA	T ACG	L CTG	R CGA	S TCT	L TTG	T ACG	GIC	S AGT	r CIG	G GGA	P	org org	S AGC	354 1062
K AAG	T ACA	E GAA		F	P	K AAG	D GAC	S TCC	R AGA	I ATT	A GCC	T ACG	T ACT	S TCA	s TCC	S TCA	elc A	L CTT	L .	374 1122
S TCA	. ccc	S TCT	, ècy y	v GTG	E GAA	S TOG	R AGA	R AGA	N AAC	s Agt	r Aga	V GTA	T ACT	G 6886	n aa t	P CCA	G GGG	D GAT	E GAG	394 1182
																			N	

fchd528

FIG. 7A

D GAT	s TCC	1 2 C	? CA 2	T ACC	P TTT	G GGA	E GAA	H CAT	CAG CAG	L CTT	GCC	s AGC	S AGC	S TCT	E GAG	org org	CAA	n aat	G GGA	S AG	; T	434 1302
D D	M YTA	; T	s cr (Q CAG	T ACT	E GAG	T ACT	org V	S TCT	R AGG	S TCA	orc v	A CCA	CCC	M ATG	r aga	G GGT	G GGA	E GAG	I AT		454 1362
T ACT	A GCI	A C	H AC '	rgg W	L CTC	L TTG	T ACC	N AAC	S AGC	T ACA	T ACA	S TCT	A CCA	D GAT	ere v	T ACA		S AGC	S TCT	GC		474 1422
S TCA	Y TX	rc	P CT	E GAA	G GGT	org org	n Aat	A GCT	S TCA	org CTG	L TTG	T ACC	cxc Q	F TTC	S TCA	D GAC		T ACT	V GTA	CA CA		494 1482
S TCT	G	A G	G GA	s a gt	H CAC	T ACA	œγ γ	L TTG	G GGA	D	R AGG	S AGT	Y TAT	S TCA	E GAG	s TCT	S TCA	s TCT	T ACA	TC		514 1542
S TCC	S	: ::	e aa	S AGC	·L TTG	n aat	S TCA	S TCA	A CCA	P CCA	R CGT	G GGA	E GAA	r CCT	S TCA	T ACC	L TTG	E Gaa	GAC		s SC	534 1602
R CGA	E GA	.c. (P CA	6 ∞c	CAA	GCX	L CTA	G	GAC	S AGT	s TCC	GCC	n aat	GCA	E GAG	D GAC	R AGG	T ACT	S TCT			554 1662
QTG V	, CC		S	L CTC	G GGC	T ACC	H	T ACC	L TTC	A GCI	ACT	orc v	T ACT	GGA	N AAC	GGG	gaa Gaa	R CGC	ACA		L TG	574 1722
R CGG	. TC	5 2T (v v	T.	L	T ACC	N AAC	T ACC	S AGC	M OTA:	S AGC	T ACG	T ACT	S	GGG	E GAA	GCA	G GGC	S AGC		P CT	594 1782
A GCZ	, cc	A ∝ (X	H	5 CCC	င်္သ	E GN	T AC	E GAC	G GGT	, ecc	S TCI	r CTC	H	V GTA		GIG V		D GAC		D AC	614 1842
M XTA	G G	G GC	L CTG	V GTC	s rci	R A COX	S TCI	L CTC	A GCC	A C GCC	S TCC	S AG1	A COC	CTC	G GGA	. GTC		G GGG	I ATT		s GC	634 1902
Y TA	; G	G GT	cyv O	V GIV	R G CG	G COO	T AC	A CC	I TA T	E F GA	Q A CX	R AGC	T ACT	s TCC	S AGC	D GAC			D GAC		H. YC	654 1962
T AC	C T	Y AC	L CTC	s TC	S A TC	T T AC	F TT	T C AC	K C //	G A GG	Y CY	R A CGC	A 3 GCC	L TY	L CTC	S TCC		T ACA	D		N AC	674 2022
S AG	тт	s CA	S TCC	s TC	D A GA	I C A T	V TGT	E G GA	S G AG	s c rc	A AC	s r rc	Y TA	I TAT	K K K	I YTA	s TCI		s TCI		S CA	694 2082
C)	r 1	S CA	E GA	Y AT S	r TC	s c 10	r C TI	T TC	H T CA	T GC	Q T CM	G AC	E T GA			N MA 1			S L TCC		Y CAT	714 2142
CJ.) .c (G 3333	GA.	Y KT A	T 00	T C3	.a ∞	T TC	TAC	T GA	s oro	e cc	A GT				S TO		L CT		D.	734 2202
T	; ;c 1	Y FAC	T AC	y CC	× ×	K X	ו גר די	i i	20 00 1 E	S W	T CAC	s TTC	c cr	v T GT	r cr				A r GC		E BAG	754 2262
17	r Pr (V GTT	S AG	T CJ	O S	c re	77. OC	5 S	s s	: : :T TC	s s	C TC	S TC	S C TC	T TC	S T TC	s TTC	s T TC	G A GG	G	P	774 2322
α	CT '	TTG	∞	TC	IG C	C T	cic c	IG T	CA C	AA TY	ထပ	KC CJ	AT TI	'A TI	T TC	A TC	X AI	T TT		A 1	S TCA	794 2382
A	CC	ACC	• œ	C T	CI G	TG C	AT C	TA C	TA A	ag t	CT A	C TO	T G	AT GC		C AC	A CC	X 1G	is it	T '		814 2442
T	S CA	ъ Р	, T	3 2A C	P CT T	L TA C	P CAG	V TA T	s CC T	L TA A	T ?	? ? ?	S ?	2 T	T GC	C CC	A CI	r ro	T GI	, .c	S TCA	834 2482

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cyy Ő		ACC T		P CCA	CAG	S TCA	S TCT	S TCT	T ACC	P	GIC V	CTG	ccc b	R AGG	GCA	R AGG	E GAG	T ACT	P CCT	854 2542
orc v			F TTT		ACA		T ACA		T ACA	_	F TTC		T ACA		CTC	H CAT	S AGT	s agt	Q CAA	874 2602
T ACT	A GCA	D GAC	L CTT	, K AAG	S AGC	Q CAG	S AGC	T ACC	P CCA	H CAC	Q CAA	e Gag		cuc A	I ATT	T ACA	E GAA	S TCA	K AAG	894 2682
S TCA					s TCT				E GAG		ACC	K AAA	A CCT	V GTA	T ACA	T ACA	N AAC	S TCT	P CCT	914 2742
L TTG		œA		L TTA	T ACA	E GAG			ACA						A CCC	T ACA	S AGC	T ACC	N AAC	934 2802
L TTA	A GCA	CAA	M ATG	S TCT	P CCA	T ACT	F TTC	T ACA	T ACT		I ATT	r CIG	K AAG	T ACC	S TCT	CAG	CCI	L CTT	M ATG	954 2862
T ACC	T ACT				L CTG				GCA			GIC V						V GTA	CAG	974 2922
_	T ACA		G GGA		Q. CAG	L CTC			T ACC			E GAA	I ATA	L CTA	CIII V	P	_		S TCA	994 2982
		G GGT	_		S AGC		E GAA	R AGG			CIC V	I ATT	cic v	D GAT	A GCT	T ACC	T ACT	G G	L TIG	1014 3042
I ATC	_	L TTG	_		V GTA										K AAG	L CTT	G GGC	CLI V	T ACA	1034 3102
λ GCA		Y TAC	S AGC	P CCA	A GCT		R CGT	S TCC		G GGA	T ACA	S TCT	CCI	s TCT	CCC	Q CAA	T ACC	T ACA	ý GTT	1054 3162
V GTT	S TCC	T ACG	A GCT	GAA	D GAC	L TTG	A GCT	CCC		S TCT	A GCC	T ACC	F TTT	A GCT	V GTT	CNC O	S AGC	S AGC	T ACA	1074 3222
CAG Q		P CCA	T AÇA		L	s TCC			A GCC					C C		org v		P	C TGT	1094 3282
L CTT		N AAT	G GGC	E GAA	C 1000	QIC V			N N	T ACC		R CGT	с ССС	Y TAC	H CAC	rœc	R AGG	c 1000	CCCC P	1114 3342
CCI	S TCC	W TGG	CAA		D GAT	D GAT	C 1000	s a gt	cac v	D GAT	org cro	N TAA	E GAG	c TCC	L CTG	s TŒ	N AAC	CCC B	C TGC	1134 3402
P CCA	_	T ACA	, &		C 1700				CAG			P TTT		c TGC		C TGC	P CCCG	GTT V	G GGG	1154 3462
Y TAC	CAG	L	E	X	. coc	I ATA	C TGC		TTG	V GIT	R AGA	ACC	P TTC	OIG V	ACA	E GAG	P TTT	K AAA	L TTA	1174 - 3522
					N TAA															1194 3582
					L TTA														T ACA	1214 3642
om om					E GAC				V GTG						T AÇA		F	-	CIG L	1234 3702
- GCC	S TCC	-			i Cin					D			-	K	C	orc orc			C TGC	1254 3762

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FIG. 7C

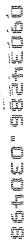




K S S A E V C Q L L G S Q R R I F R A G AAG TOO TOT GOT GAG GTC TGC CAG CTC TTG GGA TOT CAG AGG COG ATC TTT AGA GCG GGC	1274 3822
S L C K R K S P E C D K D T S I C T D L AGC TTG TGC AAG CGG AAG AGT CCC GAA TGT GAC AAA GAC ACC TCC ATC TGC ACT GAC CTG	1294 3882
D G V A L C Q C K S G Y F Q F N K M D H GAC GGC GTT GCC CTG TGC CAG TGC AAG TCG GGA TAC TTT CAG TTC AAC AAG ATG GAC CAC	1314 3942
S C R A C E D G Y R L E N E T C M S C P TCC TGC CGA GCA TGT GAA GAT GGA TAT AGG CTT GAA AAT GAA ACC TGC ATG AGT TGC CCA	1334 4002
F G L G G L N C G N P Y Q L I T V V I A TIT GGC CIT GGT GGT CTC AAC TGT GGA AAC CCC TAT CAG CIT ATC ACT GTG GTG ATC GCA	1354 4062
A A G G G L L L I L G I A L I V T C C R GCC GCG GGA GGT GGG CTC CTG CTC ATC CTA GGC ATC GCA CTG ATT GTT ACC TGT TGC AGA	1374 4122
K N K N D I S K L I F K S G D F Q M S P AAG AAT AAA AAT GAC ATA AGC AAA CTC ATC TTC AAA AGT GGA GAT TTC CAA ATG TCC CCA	1394 4182
Y A E Y P K N P R S Q E W G R E A I E M TAT GCT GAA TAC CCC AAA AAT CCT CGC TCA CAA GAA TGG GGC CGA GAA GCT ATT GAA ATG	1414 4242
H E N G S T K N L L Q M T D V Y Y S P T CAT GAG AAT GGA AGT ACC AAA AAC CTC CTC CAG ATG ACG GAT GTG TAC TAC TCG CCT ACA	1434 4302
S V R N P E L E R N G L Y P A Y T G L P AGT GTA AGG AAT CCA GAA CTT GAA CGA AAC GGA CTC TAC CCG GCC TAC ACT GGA CTG CCA	1454 4362
G S R H S C I F P G Q Y N P S F I S D E GGA TCA CGG CAT TCT TGC ATT TTC CCC GGA CAG TAT AAC CCG TCT TTC ATC AGT GAT GAA	1474 4422
S R R R D Y F AGC AGA AGA GAC TAC TTT TAA GTCCAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGA	1481 4482
TCACCTGGGACCTCTGCTCAGAGGACCGCACCAGGAGGCTGCGCCCAGGATTTGTCGGGA	4542
GCCACGCTGAGTGGCAAGCAGGAAGAGGGACAGGCATGCGGGGGGTGACCACAGTGGAGG	4602
AGACAGGTGGATGTGGAACCACAGGCTGCTCATTCAGCACCTTTGTTGTTACTGTGAACG	4662
TGAATGTGGGCCAGTATCAAGAGAGTCTCTCTGAGTGACTGCACCATGGCACTGGCACCA	4722
GGGGGACTATTAGCCAGGGCAGACCACTAGACTTCAGTGCAGGGACCTGGTTTTGCCCTTC	4782
GITTGCACTTINGTAAATTGGGTGGGAGGTTTCCTTTTGGATCTGTTTTGAGACTGTTCC	4842
AGANAGAAGCCTTCCTTTCCCCAGACACTTCCATAGGCAGCAATTTGGTGATTCAYTTGC	4902
ASCANATACTOGCTTOTTAATTATTTTCCTGCCCAGCRCCTGCGTGCTAAACAACAGAT	4962
GAGGATGASCGTACCACTGAAGTCTGAAGATGTCGCCATTGAACGGACAGTGTTTTCATA	5022
TGTTTCTAGGTTGTCTTATGCTACAGTTTCCAAGCCASCCCCCACAGTGAGGAAATGTGT	5082
GAGGCACCOCACACAACTGCAATGTGTTTYTTAAGTCAAGGTGACACATGTATTTAAGAT	5142
TTTTTTTAAAATCTCYTTGCAGTTAAATCTCACTTTYTCAAACAAGCCTGGATCAGGGC	5202
AAAACAACTTATATYTGGTTTTAGCTGGAGGCTCAGCAGGCAGGATTGCAGGCAG	5262
ACTITICATCCATGAGGGCCCAGCCTGGGGCTCTGGTCACCATTGTGGAGGCC	5322

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FIG. 7D







GAGGCAMCTGCGTATGGAGGAAAATGTCAAACTGAACGCAGGTTTCACCACTCTACGA	5382
AGCAGCTTGTTGACCCCCTGCASCTGGATGTGGTTAGAGGGATGGGCTGAATAGSCAGG	5442
TAGATTTCCTGCATCAACAGTGCTTTGGGAASCTGTGTGGATTCCTGAGGAAGAACAGG	5502
EAGCCGAGATGGAGCCACACATGAATTYGCTCACCGGCTACTGCAGCACTTTGTACCCAG	5562
NATOTOATGTOCACAAACCCCCATGTAAACTTTCAACCACTCAAAGSTGTTTATTCGGCTG	5622
AAGAAATAACTTTTKTTTCTCACCCAGTCATTTGTACCTCTTCATATGGSTATGTCGCAC	5682
CCTCCAGAAACGTGGTTATACTKCCAGTCAGTGTGGGAGAACTGAAGACTTCCGGTTGGT	5742
CGACGAACTGACGTTGACCTTCCCGAAGGAAGTTCCACTCATCTTATTTAT	5802
TGATGTGGGTCCTGCCAGGGACATCCAGTACTCGGTGTCTKTAATTGCCACCTGGGGA	5862
ACTOTOTTTATTGGCCTTCTTTGGGGCATCCTGGRTTCGGATGAAGTGAGGGGGAATACAG	5922
AGGTANNAGNATTGTCTCCACCCTGNAGCGGGGAGTCCCGCTTCACATTTCTGGAAATGG	5982
TGCAGCCACTGGGGACAGTTCTGCCCCGGGCATGGTTGTTTCTTCAAGGTCCTCTAAATA	6042
TAATCCCTATTCTTACATAATCCTTGGCCCTGATGGTTTTAAGCAAGAACTCCTGTGTCC	6102
MATGGTCTCCACCACTCACCATCACCCTGCTGTAGCAAGAGTCCTAGTCAGGGGAGGTGC	6162
ATTTAGTAGTTACATTGCACTTATCCATGAGATAAATAAA	6222
GTGGAGGCTAACCTAAAATTTCAAAGTGTCGCCTTTTTGAAATCTTGGGCCTCTCTCT	6282
GTAGAACCAATGCCCCTTTGTGGCTCACGGCCTCGCACCTAACTGGAGAGTTCTGAGCTC	• 6342
THE RESIDENCE OF THE PROPERTY	6389

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FIG. 7E

68	TTCA	GTCT	TO	1000	остт	1000	ATCA	1000	œĸ	MCTO	crrr	octo	محد	ж	C		ATT	င		
147	ACTTG	œw	0000	OCAC	7770	ccrc	N	core	CCAT	CTCC	cccc	သထ	TCAO	XX	·	voc	بعص	0000	CIO) (1)
226	CAN.	जळ	TAAT	NO	GTGT	9990	ACAT	œw	XXXX	octo	AGAT	محد	CTA	1111	LATC	CTO	CCA1	0000	~~~	œ
305	20CTA	****		AGAT	अदा	TM	CAAT	×	T00C	1110	ctct	TCAA	2076	C	1000	200		πœ	WCI	ctC
384	rocrc	CACT	0007		1000)	1001	cric	eve	KOCT	octo	.100	ATGC	1	200	TAK	, ,	CTO	~~	NJTJ
463	खटा	TCAT	me	œ	9017	NOOO	1000	CATC	2070	100	πœ	TCA	w	rcc1	CAT	تصون	TTO	CNG	OCK C	rci
543	TCTC	MGT	CEN	1001	9003	2007	N000	TOK	ici i	CICT	œ	NOCK		101	***	111	CIC	******	CICI	rci
. 621	vavos	CTAA	ACTT	عجد	CTAN	NOTEN	TALL	citt	***	CULT	wi	ITIŅ.	TAT	ATA.	und	X) (AGAC	ना	TAU	cici
700	TCM2	2000	<u>0100</u>	MOT	000	2000	sich	mo	3000	1767	ici i	NGTT	resc.	300	77 0 00	XTQ.	000 0	දාය	TOC	OGAC
779	тоос	3C)/G	1010	2000	000	1000	صح	NCAT	जल्द	NOCK	πœ	2000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	MIG	VOCTO	CTC	XXX	7700	200	1000
ėse	STEP C	100X	MTC	~~		354	برعد	-win	غضخ	ATAN	MTC	2	NOCH	CAE	nor:	CITA	~	GIIA	CATI	2027
937	300 2	3700	مبعد	CM	w	:XiC	200	CATTO	ATAT	10CA	ACAA:	2000	NOO!	rout.	UTAI	(LCV	TW	.706)	TAU	TC)
1016	LATAT	2000	w	~	220	מענ	CH	rew.	عحد	acc		NT CA	πœ	200	XXX	CATO	NCN.	пост	wa	œu
16 1079	<u> </u>	ģ	~	tCI S	,K	ಞ			I Ata			œ			TOC	H . ATG	CAA.		TATO	ATTO
. 36	T ACA	<u>.</u>	0	<u>.</u>	Ł	D	ب	÷.	K	Y	E	0	.R.	•	<u> </u>	Ŀ	R	<u> </u>	Y	•
56		.u.																Y		
1199	704				ထဲအ	œ	ACT	ATC	cực	100	űc	À	œ٦	œ	, Č	a	ACT	TAC	ıcı.	rīc
76 1259	TOS	Y TAC	å	arc v	*****	toc	₩ 100	c)C	S ACC	ಘ	K NG	, KCC	<u></u>	င္ဆီင		s TCT	H ATG	s ACC	Å	. D
96 1319	TTC	ATC		crc v	Å	တို့	옶	Y TAC	orc	å	Y Tat	CTC L	*	œ.	стс	œ.	T XCC	Ŕ CCC	ок К	E CJG
116 1379	\$ XXC	, ,	&	E	CTG L	N H	crc L	%	<u>د</u>	CTG L	€ 1000	r Trc	œ.		œ	&	<u>,</u>	L CTA	مد	Y TAC
136 1439	.	č	K AAG		CTC L	crc crc	I ATC	œ.	r rrc	<u>د</u>	I ATC	K	S ACC	R CCC	T ACC	R œA	æ.	v crc	\$ 700	E CAG
156 1499	L CTG	T ACG	&	TŒ	H AAC	orc v	r Trc	I ATC	÷	×	E CAG	œ.	æ	WC H	Y TAC	å	w 100	<u>د</u> د	<u>.</u>	0 CAC
176 1559	K	I ATC	\$ TOC	Y TAC	œ.	<u>*</u>	<u>.</u>	crc v	K	, CCC	oto v	v crc	t CTG	â	æ	ه ححد	<u>ه</u>	.	A 0005	exc 0
196	6	esc esc	å	â	င်္တ	<u>*</u>	cre E	222	<u>*</u>	*	Š	CLC L	œ	\$ 703	æ	cre E	1 10	ос В	, 110	v GTG
216 1679	\$ 100	Y TAC	C 100	<u>.</u>	œ.	w 1003	<u>چ</u>	K	Å	TTC	\$ AQC	t ATC	œ.	orc orc	.s	H H	, 000	ъ ССС	Y TAC	222
235 1739	TAG	R AGA	å	×	N.	Ç.C	cic L	I ATC	E	CTC	w TOC	T00	, ccc	100	\$ 100	T ACC	I ATC	ric	ç,	R CCC

FIG. 8A





AND STATE AND STATE STAT	1818
CHENCHOCCCCHOCKENNICCCCCCHCATATCATCTACCTACATTTMATATMAGTTTTATATATATATATATACCUMT	1897
ATATATTATACTTOTAATTATOCACTCATTTTYACAATGTAATTATTTATGTATOCTOCAATGTOTATATOCACAAA	1976
NEUKRANIEROODETTTOOCTTATAATTOTTTOATKEIKATATATTTTOTTTOTTOCTOCTTOCTCTTOCTTACT	2055
TTTEATATATATATATALAGAMATCATACAGACCAGCTAGGGAMACCTGGGTTTTGGTGTATGGTTTTTGAGATA	2134
TTANTOCCCACACAMAGETANTACCACTCCACTANTAAAGTATTCCCATTATAGTTTTTTTTTT	2213
TITTI CLUCKO CONTROCCTICA CONTROCCATORIO CATORIO CATOR	2292
HTTTACTHTANTOCATANGACAGAAGAATTGAAAGGGGGGAAGTGACATTTACTTTAGTAAGGAGAAG	2371
THE PART TO THOSE THOSE TAKEOUS TO TO THE TOTAL TAKEOUS TO THOSE TAKEOUS TO THE TAKEOUS TO THE TAKEOUS TAKEOUS TO THE TAKEOUS	2450
CONTENTATOCTOCHOCHOCTICTTOCHOTTCHOCHOCHOCTTCHOCCTHACCTHACCCCHOCTCCHOCTTCHCCCC	.»: 2529
CCLTCTTTCACTTATCACCUACTALUCUCACACTATTTCTCACCATTTTCTCCACATTTTCTCCACTATTTCTCACCATTTTCTCACCATTTTCTCACCATTTTCTCACCATTTTCTCACCATTTTCTCACCATTTTCTCACCATTTTCTCACCATTTTCTCACCATTTTCTCACCATTTTCTCACCATTTTCTCACCAATTTCTCACCATTTTCTCACCATTTTCTCACCATTTTCTCACCATTTTCTCACCAATTTCTCACCATTTTTCTCACCATTTCACCATTTTCACCATTTTCTCACCATTTTCTCACCATTTTCTCACCATTTTCACCATTTTCACCATTTTCACCATTTCACCATTTCACCATTTCACCATTTTCACCATATTTCACCATTTCACCATTTCACCATTTCACCATATTTCACCATATTTCACCATATTTCACCATATTTCACCATATTTCACCATATTTCACCATATTTCACCATATTTCACCATATTTCACCATATTTCACCATATTTCACCATATTTCACCATATTTCACCATATATTCACCATATTTCACCATATTTCACCATATATTCACCATATATTCACCATATATTCACCAATATATATATATATATATATATATATATATATATATATA	2606
CANATOCOCCTTORACCTOCTACCTTACCTTOCACACATCTTCTACCACCCCCCTTACATCTTTTTTACCACC	2687
TANCON MATERIAL TRANSPORTE CONTRACTOR AND TO A TO	2766
OTTTATTTCTACTTTOTAMOGENMOTTGAGGTTCTGGMGGATAMTGATTTGCTCATGAGAGAMATGAGTT	2845
ACANGTTACATOCANTIGTACCHCCHCACCCATATCATTACATCHCCTTTCTCACCANTATTCTCAGALLACACCC	2924
TOCTTOCCCAGATAACTAACAACGAATGITTCATTGTATATCTTTTTTTTTCTTCGAGATTTATATTAACATATTAACTCTCCAC	1003
TO ACCUMENT CONTROL TO A TOTAL TO A TOTAL A TO	3082
g	3083
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FIG. 8B





										•											
CGCCI	rccc	TGAG	GGAA	LCGG.A	ecco	:CGG1	AACC	GGAC	ACCG	CCTI		ccc	ACCO	CTC	GGC	CCA	aagg	TATA	COT	M ATG	1 157
F	R	s	ĸ	R	s	G	τ.	v	R	R	L	W	R	:	s	R	v	ν	P	D	21
TTC A	AGG	TCC	AAA	CCC	TCG	GGG	CIG	GTG	CGG	CGA	CIT	TGG	CG/	A A	GT (CGT	GTG	GTC	ccc	GAC	217
R	E	E	G	G	s	G	G	G		G		D	E		Ð	G	s	L	Ģ	S	41
ccc (GAG	AAD	GGC	GGC	AGC	GGC	GGC	GGC	GGT	GGC	GGC	GAC	GA(G G	AT (GGG	AGC	TIG	GGÇ	AGC	277
R	Α.	E	P	A	Þ	R	A	R	E	G	G	G	С		G	R	s		v	Ŕ	61
CGA (GCT	GAG	CCG	GCC	CCG	CGG	GCA	AGA	GAG	GGC	GGA	. GGC	TG	C G	GC	CGC	TCC	gaa	GTC	CGC	337
P	v	A	Ð	R	R	P	R	D	A	V	G	Q			G	A	Q	G	A	G	81
ccc	GTA	GCC	ccc	CGG	CGG	CCC	CGG	GAC	GCA	GIG	GGA	CAC	CG	AG	GC	GCC	CAG	GGC	CCC	GGG	397
R	R	R	R	A	G	G	P	P	R	P	M	s	E	;	P	G	A	G	A	G	101
AGG	CGC	ccc	CCC	GCA	OGG	GGC	ccc	CCC	ACG	ccc)TA	TCC	3 GA	GC	CA	GGG	GCC	GGC	GCT	GGG	457
. s	s	L	L	D	v	A	· E	P	G	G	P				L	P	E	S	D	C	121
AGC	TCC	CIG	CIG	GAC	GIG	GCG	GAG	CCG	GGA	. GGC	: cc	GG	C TG	G C	21G	CCC	GAG	ALT	GAL	160	517
Ē	T	v	T	С	С	L	F	s	E	R	D	A			G		P		D	A	141
GAG	ACG	GTG	ACC	TGC	TGI	CIC	TIM:	TCC	GAG	CGG	GA	C GC	C GC	æ (3GC	GCG	CCC	نافات	GAC	GCC	577
s ·	D	. P	L	A	G	A	A	L	E	P	A	G		3	G	R	S	R	E	A	161
AGC	GAC	000	CIC	GCC	: GGC	GC(GCC	CIC	GAC	3 000	G GC	G GG	CGG	3C (خافات	CGG	ALST		GAA	. GCG	637
R,	s	R	L	L	L	L	E	Q	E	r	K	T	, ,	V	T	Y	S.			K	181 697
රුද්	TCC	cc.	CIN	G CIX	CIV	G CIV	G GA	3 CA	3 GA	A CIV	C AA	A AC	.C G	IC .	ACG	TAC	100	CIC	Cit	AAG	071
R	L	K	E	R	s	L	D	, т	Į	L	E	A		V		5	R	G	G	V	201
೦೦೦	CIC	AA:	G GA	G CG	C TO	G. CI	G GA	C AC	G CI	e cr	G GA	G GC	C G	TG	GAG	TCC	CGC	: GG(ا ل	CTG	757
P	. G	G	, c	·V	L	v	P	R	. A	. D	I	E	3	L	G	G	Q				221
CCG	GGG	C GG	C IG	C GI	G CI	G GI	G CC	e ce	C GC	C GA	C C7	ic co	3C C	TG	GGC	GGC	CAC	ن ک	ب ل	5 CCC	817
P	Q	L	L	, L	, G	; P	L	F	R	, W		?]		L		Н	A				241
CCC	CA	G CT	G CI	'G C'I	C GG	ic co	ic ci	C II	T CG	C TG	G CC	C G	AC C	TG	CAG	CAC	: GC	C GI	G GA	G CTG	877
ĸ	P	L	, c	: 0	; c	; F	I 5			. 2			A								261 937
AAC	3 00	CCI	T D	C GC	C TO	SC CZ	AC AC	C T	ic Go	xx	C G	CC G	∞ 0 =>	BAC Sa	بانگان م دسم	: 00: - 03	r AU	ran f	G 10	C TGC	731
N	P	, ,	(E	H 1	? \$	S I	R 1	٠ (3 1	P 1	E	S	P.	₽.	. Р	P	Y	S		281 997
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Ļ	S	. 1	P 1	R 1	D 1	E :	Y :	K	P, 1	ն 1	D .	L	s .	D D	S	T OKO	L	. S		יר זירייייייייייייייייייייייייייייייייי	301 1057
CT																				TDA O	
Ė	: 1	r 1	Ε.	A ·	r :	N	S	L	ı '	T .	A ~~ =	P	G	E	F	S	I)		M S	321 1117
GA	A A	CG G	yc c	CT A	CC A	AC T	CC C	TC A	TC A	CT G	CT C	ÇG C	SGI (GAA	TT	C 10	A GA	1. G	-C A(C ATG	441/
s	; 1	Ρ.	D	A	т	кΤ	P. 171	s ~	H >	w	C	S	v	A	Y	C 22.				R T	341 : 1177
	T C	CG G	AC G	CC A	CC A	AG C	ens	GC C	AC 1	GG 1	GC 2	30C (313	•••	,					G ACG	
F	ξ,	υ.	G	R	L	Y	A	V	Υ'	D	Q	A	V	S	I	. E	ית כי	K 1	D :	L P	361 1237
œ	SC G	TG G	GC C	CC C	TC 7	TAT	CG C	rig 7	AC G	AC C	AG (sct (G.T.C.	AUC	, A1	, C 17	I'	ni U	- C	TA CC1	,



FIG. 9A





Q CAG	G GGC	S AGC	G G G	F TTC	C TGC	CLC T	eec e	Q CAG	L CTC	N AAC	CIG	E GAG	CYC Ő	R CGC	S AGC	E. GAG	5 TCG	otg otg	R CGG	381 1297
R CGA	T ACG	R CGC	S AGC	K AAG	I ATC	GC G	F TTC	e GC	I ATC	L CTG	L CTC	s Agc	K Aag	e Cag	CCC	D GAC	G GGC	V GTG	w _. TGG	401 1357
A GCC	Y. TAC	N AAC	R CGC	G GGC	E GAG	H CAC	CCC	I ATC	F TTC	GIC V	n aac	S TCC	P CCG	T ACG	L CTG	D. GAC	A GCG	CCC	G G G G G	42 <u>1</u> 1417
G G G G G G G	R CGC	A GCC	L CTG	V GTC	V GTG	R CGC	K AAG	V GTG	CCC 5	CCC	G GGC	Y TAC	s TCC	I ATC	X Aag	V GTG	F TTC	D GAC	F.	441 1477
E GAG	R CGC	S TCG	G GGC	CTG L	Q CAG	H CAC	A GCG	P	E GAG	P CCC	D GAC	A GCC	A GCC	D GAC	G GGC	P CCC	Y TAC	D GAC	p. CCC	461 1537
N AAC	s Agc	V GTC	R CGC	I	s AGC	F TTC	A GCC	Х Д	GCC	W TGG	G GGG	P CCC	C TGC	Y TAC	S	R CGG	CAG Q	F TTC	I ATC	481 1597
T ACC	S	C	P CCC	C	W TGG	L CTG	GAG E	I	L	L CTC	n AAC	N AAC	CCC	r Aga	* TAG	}				497 1645
TGG	cosc	ccc	GCGG	GAGG	3GGCG	CGTC	GGAG	GCCG	CGGC	CACC	GCCA	CCIG	cccc	ccrc	GAGA	GGGG	CCGA	IGCC	CAGA	1724
GAC	ACAG	ccc	CACC	GACZ	JAAA/	cccc	CAGA	TATO	PLATCI	ACCI	'AGA'	TTAA	ATAT.	aagi	TTT	TATA	TAT	ATG G	AAAA	1803
AAA	LAAA	AAA	AAA.																	1817

FIG. 9B





M F CGACTCACAAAGAAACATCATGTTCCCTCTCACCAGCCAAACGACTTTTCTCCTCGCCTCCCCCCACAACGACTTTCCCCCCCC	2 6
R T K R S A L V R R L W R S R A P G G E AGG ACC AAA CGA TCT GCG CTC GCC CCC CCC CCC CCC CCC CCC	22 66
D E E E G A G G G G G G E L R G E G A GAC GAG GAG GAG GAG GAA GAG GAG GAA GAA	42 126
T D S R A H G A G G G P G R A G C C L ACG GAC AGG CGA GGG CAT GGG GGC GGC GGC CGG GGC AGG GGT GGA TGC TGC CTG	62 186
G K A V R G A K G H H .H P H P P A A G A GGC AAG GGG GGG GGG GAC CAC CAC CAC CGG CCA GGC GGC	.82 246
G A A G G A E A D L K A L T H S V L K K GGC GGG GGC GGG GGG GGG GGT CTG AAG GGG CTC ACG CAC TGG GTG CTC AAG AAA	102 306
L K E R Q L E L L L Q A V E S R G G T R CTG AAG GAG CGG CAG CTG CAG CTG CAG GCC GTG GAG TCC CGC GGG ACG CGC	122 366
T A C L L P G R L D C R L G P G A P A ACC GCG TGC CTC CTC CTC CCC CCC CCC CCC C	142 426
G A Q P A & P P S S Y S L P L L C K V GGC GCG CAG CCT GCG CCC TCC TCC TAC TCC CTC CTC CTC CTC CTC	162 486
FRWPDLRHSSEVKRLGCCES TTC AGG TGG CCG GAT CTC AGG CAT TCC TCG GAA GTC AAG AGG CTG TGT TGC TGT GAA TCT	182 546
Y G K I N P E L V C C N P H H L S R L C TAC GGG AAG ATC AAC CCC GAG CTG GTG TGC TGC AAC CCC CAT CAC CTT AGC CGA CTC TGC	202 606
E L E S P P P P Y S R Y P M D F L K P T GAA CTA GAG TCT CCC CCC CCT CCT TAC TCC AGA TAC CCG ATG GAT TTT CTC AAA CCA ACT	222 666
A D C P D A V P S S A E T G G T N Y L A GCA GAC TGT CCA GAT GCT GTC CCT TCC GCT GAA ACA GGG GGA ACG AAT TAT CTG GCC	242 726
P G G L S D S Q L L L E P G D R S H W C CCT GGG GGG CTT TCA GAT TCC CAA CTT CTT CTG GAG CCT GGG GAT CGG TCA CAC TGG TGC	262 786
V V A Y W E E K T R V G R L Y C V Q E P GTG GTG GCK TAC TGT GTC CAG GAG CCC	282 84 <u>6</u>
S L D I F Y D L P Q G N G F C L G Q L N TOT CTG GAT ATC TTC TAT GAT CTA CCT CAG GGG AAT GGC TTT TGC CTC GGA CAG CTC AAT	302 906
S D N K S Q L V Q K V R S K I G C G I Q TCG GAC AAC AAG AGT 'CAG CTG GTG CAG AAG GTG CGG ACC AAA ATC GGC TGC GGC ATC CAG	966 322
L T R E V D G V W V Y N R S S Y P I F I CTG ACG CGG GAG GTG GAT GGT GTG TGG GTG TAC AAC CCC ACC AGT TAC CCC ATC TTC ATC	342 1026
K S A T L D N P D S R T L L V H K V F P ANG TOO COO ACA COO CAC AND COO GAC TOO AND ACC COO TOO CAC AND COO TOO CAC	367

FIG. 10A





c C	F TTC	S TCC	I ATC	k aag	A GCT	F TTC	D GAC	Y TAC	E GAG	k aag	A GCG	Y TAC	s AGC	L CTG	CAG	R CGG	P P	N AAT	GYC D
CAC	E GAG	F TTT	M ATG	Q CAG	Q CAG	ccc ₽	W TGG	T ACG	G G CC	F TTT	T ACC	orc V	CYC Q	ATC	S AGC	F TTT	CIC V	K AAG	GGC
W	G	Q	С	Y	T	R		F	т	S	c	C	ъ	_	E.F		-		
F TTC	n Aac	s AGC	R CGG	* TAG	co	COL	3 0 33	ACCC	BACA	BAGO	FIGA	crci	√GCA/	30002	\CAC	TCA	VACT Y	CITI	rgct
							TTTI												•
TCT	rcro	STCC.	ICGI:	PIGI	CIIC	IGIT:	PTGP:	PTCG	CICI.	PTGA	GAAA	PAGC:	TATI	iaaai	VGAA!	MGM	recec	GIM	TTT
TGG	AAGA	AGGG	CAG	CTAT	GATO	GGCA	GGAC	ACCC	rgat:	AGGA	AGACX	3GGA1	vèca.	iaaai	rccvi	AGCAC	CAC	ኋ ጲጲጲር	LACA
GIG	PATG.	AAGG	GGGG	CCCI	CATC	ATTI	CACT	IGIC	AGGA	GIGI	CICIC	CAGIX	TGA	TGIC	cccc	TGIC	TOTO	CACC	CCT
GIG	CAGG	AGCG	CCAG	ATGG	CCAC	AÇAA	CCTC	CICT	rigi	TTIG	igic:	CTT	ATGG	NTGT	2000	AGCAC	RGAC	GTT	rgca
•							TGGA					,							
						•	icic												•
							AGCC					•						•	
							CICI												
							TATI												
							AACC												
							CCAC												
							raaci												
							AGAC												
							CTAC												
							TAAA								-				
							AAAA												
							TOOT												•
							AATG					_				-			

FIG. 10B

ť,





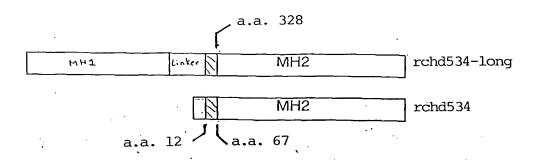
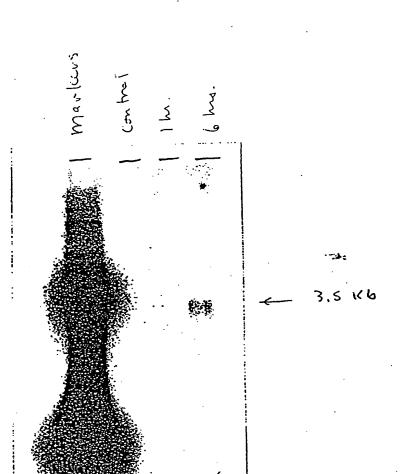


FIG. 11





3.5Kb

FIG. 12